COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER PHNL030107 US

| As a below named inventor, I h | ereby declare that: | | | |
|--|---------------------------------------|--|--|--|
| | · | | | |
| My residence, post office addre | ess and citizenship are as stat | ed next to my name. | | |
| I believe I am the original, first a plural names are listed below) entitled: "SIGNAL PROCES the specification of which (check the specification of which (check the specification)." | of the subject matter which is SSING" | name is listed below) or an original, f claimed and for which a patent is sou | irst and joint inventor (if ught on the invention | |
| is attached hereto. | | | | |
| was filed as United States a | pplication | | | |
| Serial No | | | | |
| on | | | | |
| and was amended | | | | |
| on | | | | |
| was filed as PCT internation NumberPCT/TB2004/050036 | | | | |
| on | | | | |
| _20 January 2004 | | | | |
| and was amended under PCT | Article 19 | | | |
| on (if applicable). | | | | |
| I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed: | | | | |
| PRIOR FOREIGN/PCT APPLIC | CATION(S) AND ANY PRIORI | TY CLAIMS UNDER 35 U.S.C. 119: | | |
| COUNTRY | APPLICATION NUMBER | DATE OF FILING DAY, MONTH, YEAR | PRIORITY CLAIMED UNDER 35 USC 119 | |
| Europe | 03100259.5 | 7 February 2003 | YES | |
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| | | DEDARTMENT OF COMMERCE DAY | | |

| Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications) Attorneys Docket Number PHNL030107 US | | | | | | | |
|---|---|---|---|---|---|--|--|
| POW all bus | ER OF ATTORNE siness in the Patent | Y: As a named invento and Trademark Office of | r, I hereby appoint onnected therewith | t the following attorney(s) and/o h. (List name and registration n | r agent(s) to pro- umber) | secute this application and transact | |
| Mich | E. Haken, Reg. ael E. Marion, R | eg. No. 32,266 | | | Direct Telephor (name and tele (914)332-02 | phone number) | |
| Edwa | | Reg. No. 30,245 | | | (314)302-02 | | |
| | FULL NAME OF INVENTOR | VAN DER VEEN | | FIRST GIVEN NAME Minne | | SECOND GIVEN NAME | |
| 201 | RESIDENCE & CITY CITIZENSHIP Eindhoven | | STATE OR FOREIGN COUN The Netherlands | | ITRY | COUNTRY OF CITIZENSHIP The Netherlands | |
| | | | 500 | | | STATE & ZIP CODE/COUNTRY | |
| | POST OFFICE ADDRESS | POST OFFICE ADDRESS Prof. Holstlaan 6 | | 5656 AA Eindhoven | | The Netherlands | |
| | FULL NAME OF | FAMILY NAME | | FIRST GIVEN NAME | | SECOND GIVEN NAME | |
| | INVENTOR | LEMMA | | Aweke | | Negash | |
| 202 | RESIDENCE & | CITY | | STATE OR FOREIGN COUN | ITRY | COUNTRY OF CITIZENSHIP | |
| | CITIZENSHIP | Eindhoven | | The Netherlands | | The Netherlands | |
| | POST OFFICE | POST OFFICE ADDRESS | | CITY | ĺ | STATE & ZIP CODE/COUNTRY | |
| | ADDRESS | Prof. Holstlaan 6 | | 5656 AA Eindhoven | | The Netherlands | |
| | FULL NAME OF | | | FIRST GIVEN NAME | | SECOND GIVEN NAME | |
| | INVENTOR | APREA . | | Javier | | Francisco | |
| 203 | RESIDENCE & | SIDENCE & CITY IZENSHIP Eindhoven | | STATE OR FOREIGN COUNTRY The Netherlands | | COUNTRY OF CITIZENSHIP | |
| 203 | CITIZENSHIP | | | | | italy | |
| | POST OFFICE | POST OFFICE ADDR | | CITY | | STATE & ZIP CODE/COUNTRY | |
| | ADDRESS | Prof. Holstlaan 6 | | 5656 AA Eindhoven | | The Netherlands | |
| | FULL NAME OF | FAMILY NAME BRUEKERS | | FIRST GIVEN NAME Alphons | | SECOND GIVEN NAME | |
| | INVENTOR | | | | | Antonius Maria | |
| | | | | | | Lambertus | |
| 204 | RESIDENCE &. CITIZENSHIP | CITY | | STATE OR FOREIGN COUN | ITRY | COUNTRY OF CITIZENSHIP | |
| 20. | | Eindhoven | | The Netherlands | | The Netherlands | |
| | POST OFFICE | POST OFFICE ADDRESS Prof. Holstlaan 6 | | 5656 AA Eindhoven | | STATE & ZIP CODE/COUNTRY | |
| | ADDRESS | | | | | The Netherlands | |
| true: a impriso applica | nd further that these onment, or both, und ation or any patent is | atements made herein of statements were made der section 1001 if Title stating thereon. | of my own knowled with the knowledg 18 of the United st | ige are true and that all stateme ge that willful false statements a lates Code, and that such willfu | ents made on info and the like so m I false statement | s may jeopardize the validity of the : | |
| | ATURE OF INVENTO | DR 201 | | F INVENTOR 202 | SIGNATU | JRE OF INVENTOR 203 | |
| DATE 02 September 2004 | | DATE | | DATE | | | |

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office

(July 1994)

SIGNATURE OF INVENTOR 204

02 September 2004

DATE

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

PHNL030107 US

| As a below named inventor, I h | ereby declare that: | | | |
|--|--|--|-----------------------------|--|
| My residence, post office address and citizenship are as stated next to my name. | | | | |
| | of the subject matter which is a SSING" | name is listed below) or an original, firs claimed and for which a patent is soug | | |
| is attached hereto. | | | | |
| ☐ was filed as United States a | pplication | | | |
| Serial No | | | | |
| on | | | | |
| and was amended | | | | |
| on | | | | |
| V was filed as BCT internation | and application | | | |
| x was filed as PCT internation | | | | |
| Number <u>PCT/TB2004/050036</u> | <u> </u> | | | |
| on 20 January 2004 | | | | |
| and was amended under PCT Article 19 | | | | |
| on (if applicable). | | | | |
| | | | | |
| I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. | | | | |
| I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a). | | | | |
| I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent | | | | |
| or inventor's certificate or of any PCT international application(s) designating at least one country other than the United | | | | |
| any PCT international application | on(s) designating at least one | foreign application(s) for patent or invectorinty other than the United States of | f America filed by me | |
| on the same subject matter having a filing date before that of the application(s) of which priority is claimed: | | | | |
| PRIOR FOREIGN/PCT APPLIC | CATION(S) AND ANY PRIORI | TY CLAIMS UNDER 35 U.S.C. 119: | | |
| COUNTRY | APPLICATION NUMBER | DATE OF FILING | PRIORITY | |
| 000,111() | , a i Elo, (i lotti Notifical) | DAY, MONTH, YEAR | CLAIMED UNDER 35 USC 119 | |
| Europe | 03100259.5 | 7 February 2003 | YES | |
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|---|--------------------------|---------------------------------------|------------------|---|---------------------|--|--|
| Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications) Attorneys Docket Number PHNL030107 US | | | | | | | |
| | | | | the following attorney(s) and/o . (List name and registration no | | secute this application and transact | |
| Jack E. Haken, Reg. No. 26,902 Michael E. Marion, Reg. No. 32,266 Edward M. Blocker, Reg. No. 30,245 Direct Telephone Calls to: (name and telephone number) (914)332-0222 | | | | | phone number) | | |
| Luwa | FULL NAME OF | FAMILY NAME | | FIRST GIVEN NAME | | SECOND GIVEN NAME | |
| | INVENTOR | VAN DER VEEN | | Minne | | | |
| 201 | RESIDENCE & CITIZENSHIP | CITY | | STATE OR FOREIGN COUNTRY | | COUNTRY OF CITIZENSHIP | |
| | Lindiloveir | | -00 | The Netherlands | | The Netherlands STATE & ZIP CODE/COUNTRY | |
| | POST OFFICE ADDRESS | POST OFFICE ADDRESS Prof. Holstlaan 6 | | 5656 AA Eindhove | en | The Netherlands | |
| | FULL NAME OF | FAMILY NAME | | FIRST GIVEN NAME | | SECOND GIVEN NAME | |
| | INVENTOR | LEMMA | <u> </u> | Aweke | | Negash | |
| 202 | RESIDENCE & CITIZENSHIP | CITY Eindhoven | | STATE OR FOREIGN COUNTIES The Netherlands | NTRY | COUNTRY OF CITIZENSHIP The Netherlands | |
| | POST OFFICE | POST OFFICE ADDRI | = 66 | CITY | | STATE & ZIP CODE/COUNTRY | |
| | ADDRESS | Prof. Holstlaan 6 | | 5656 AA Eindhove | en | The Netherlands | |
| | FULL NAME OF | | | FIRST GIVEN NAME | | SECOND GIVEN NAME | |
| | INVENTOR | | | Javier | | Francisco | |
| 203 | RESIDENCE & CITIZENSHIP | CITY Eindhoven | | STATE OR FOREIGN COUNTRY The Netherlands | | COUNTRY OF CITIZENSHIP | |
| | POST OFFICE | POST OFFICE ADDRESS | | CITY | | STATE & ZIP CODE/COUNTRY | |
| | ADDRESS | Prof. Holstlaai | | 5656 AA Eindhoven | | The Netherlands | |
| | FULL NAME OF FAMILY NAME | | FIRST GIVEN NAME | | | SECOND GIVEN NAME | |
| | INVENTOR | BRUEKERS | | Alphons | | Antonius Maria | |
| | | | | | i | Lambertus | |
| 204 | RESIDENCE & CITY | | | STATE OR FOREIGN COUN | NTRY | COUNTRY OF CITIZENSHIP | |
| · | CITIZENSHIP | Eindhoven | , | The Netherlands | | The Netherlands | |
| | POST OFFICE | POST OFFICE ADDRESS | | CITY | | STATE & ZIP CODE/COUNTRY | |
| | ADDRESS | Prof. Holstlaan 6 | | 5656 AA Eindhoven | | The Netherlands | |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 if Title 18 of the United states Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. | | | | | | | |
| SIGNATURE OF INVENTOR 201 SIGNATURE OF INVENTOR 201 | | | INVENTOR 202 | SIGNATU | JRE OF INVENTOR 203 | | |
| DATE O3 September 2004 DATE O3 September 2004 | | | | September 2004 | | | |
| SIGNA | TURE OF INVENTO | DR 204 | <u> </u> | | 1 0 | осрешных дот | |

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office

(July 1994)

DATE

PTO/SB/80 (11-04)
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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

| I hereby 37 CFR | revoke all p 3.73(b). | previous powers of attorney | given in the | applic | ation identified | in the a | ttached state | ment under |
|--|--------------------------|--|------------------------------------|----------|---------------------------------------|--------------------------|-----------------------------------|-----------------------|
| I hereby | appoint: | | | | | | 1 | |
| X Prac | ctitioners associ | ciated with the Customer Number: | h l | 247 | 37 | | | |
| OR | | | | | | | _ | |
| Prac | ctitioner(s) nan | ned below (if more than ten patent | practitioners ar | e to be | named, then a cus | tomer nur | mber must be us | ed): |
| | | Name | Registration Number | | | Varne | · - · · · · · · · | Registration |
| | | | rember | | | | | Number |
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| any and all | patent applica |) to represent the undersigned before ations assigned only to the undersi coordance with 37 CFR 3.73(b). | ore the United S gned according | tates P | atent and Tradema JSPTO assignmer | ark Office at records | (USPTO) in con or assignment d | nection with ocuments |
| Please cha | inge the corres | spondence address for the applica | tion identified in | the atta | sched statement u | nder 37 C | FR 3.73(b) to: | |
| | | | | | - | | | |
| X т OR | he address as | sociated with Customer Number: | 4 | 2473 | / | | | |
| Firm | | | | | | | | |
| Address | vidual Name | | | | | | | |
| City | | | State | | · · · · · · · · · · · · · · · · · · · | | Zip | |
| Country | | | State | | | | Zip | |
| Telephone | | | | | T P2 | | | |
| relephon | e | Fax | | | | | | |
| Assignee Name and Address: | | | | | | | | |
| KONINKLIJKE PHILIPS ELECTRONICS N.V. | | | | | | | | |
| Groenewoudseweg l 5621 BA Eindhoven, The Netherlands | | | | | | | | |
| | | | | | | | | |
| A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of | | | | | | | | |
| the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. | | | | | | | | |
| SIGNATURE of Assignee of Record | | | | | | | | |
| The idividual whose signature and title is supplied below is authorized to act on behalf of the assignee | | | | | | | | |
| Signature | 1111 | May E. H. | aur | _ | | Date 1 | 4 Januai | cy 2005 |
| Name | | Michael E. Marion Telephone (914) 333-9637 | | | | | | |
| Title Authorized Representative This collection of information is required by 37 CFR 131 132 and 133. The information is required to obtain a vertein a hearful by the million with in the file least | | | | | | | | |

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to rue (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| STATEMEN | T UNDER 37 CFR 3.73(b) | | | |
|--|--|--|--|--|
| Applicant/Patent Owner: Koninklijke Philips Electronics N.V | <u>. </u> | | | |
| Application No./Patent No.: Concurrently | iled/Issue Date: Concurrently | | | |
| Entitled: SIGNAL PROCESSING | | | | |
| Koninklijke Philips Electronics N.V. , a (Name of Assignee) | corporation (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) | | | |
| states that it is: 1. | or | | | |
| 2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is% in the patent application/patent identified above by virtue of either: | | | | |
| A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. | | | | |
| OR | | | | |
| below: | application/patent identified above, to the current assignee as shown | | | |
| From: The document was recorded in the United Reel, Frame | States Patent and Trademark Office at, or for which a copy thereof is attached. | | | |
| From: The document was recorded in the United | To: | | | |
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| [] Additional documents in the chain of title a | are listed on a supplemental sheet. | | | |
| [] Copies of assignments or other documents in the classification [NOTE: A separate copy (i.e., the original assignments be submitted to Assignment Division in accordance recorded in the records of the USPTO. See MPEP | ent document or a true copy of the original document) dance with 37 CFR Part 3, if the assignment is to be | | | |
| The undersigned (whose title is supplied below) is auth | orized to act on behalf of the assignee. | | | |
| July 25, 2005 | Steven Petersen, Reg. 31,287 | | | |
| Date | Typed or drinted name | | | |
| (914) 333-9640 | LIG OCKEL | | | |
| Telephone number | Signature | | | |
| | Corporate Counsel Title | | | |

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.